

## EAST Search History

| Ref # | Hits | Search Query                                                                                                              | DBs                                                | Default Operator | Plurals | Time Stamp          |
|-------|------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|---------|---------------------|
| S1    | 1    | ("4646274").PN.                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR               | OFF     | 2009/03/16<br>12:15 |
| S2    | 20   | ("3523277"   "4173749"  <br>"4223399"   "4348749"  <br>"4397006").PN. OR<br>("4646274").URPN.                             | US-PGPUB;<br>USPAT;<br>USOCR                       | OR               | ON      | 2009/03/16<br>12:19 |
| S3    | 429  | (702/17).CCLS.                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR               | OFF     | 2009/03/16<br>13:03 |
| S4    | 1304 | (seismic\$3 with data)<br>same filter\$3                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | ON      | 2009/03/16<br>13:07 |
| S5    | 34   | ((seismic\$3 with data)<br>same filter\$3) and<br>((spectrum with wavelet<br>\$1)(PSD)) and (receiv\$3<br>with source\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | ON      | 2009/03/16<br>13:08 |
| S6    | 0    | S1 and S5                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | ON      | 2009/03/16<br>13:08 |
| S7    | 1    | S1 and (filter\$3 same<br>(seismic\$3 with data))                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | ON      | 2009/03/16<br>13:08 |
| S8    | 1    | ("20080120037").PN.                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR               | OFF     | 2009/03/16<br>13:09 |
| S9    | 517  | seismic\$3 with wavelet<br>\$1                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | ON      | 2009/03/16<br>13:11 |

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| S10 | 395 | (seismic\$3 with wavelet \$1) and (source\$1 and receiv\$3)                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/03/16<br>13:11 |
| S11 | 286 | (seismic\$3 with wavelet \$1) and (source\$1 and receiv\$3) and (filter\$3)                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/03/16<br>14:12 |
| S12 | 128 | (seismic\$3 with wavelet \$1) and (source\$1 and receiv\$3) and (filter\$3) and (signature threshold \$1)                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/03/16<br>14:12 |
| S13 | 28  | (seismic\$3 with wavelet \$1) same (source\$1 and receiv\$3) and (filter\$3) and (signature threshold \$1)                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/03/16<br>14:12 |
| S14 | 23  | (seismic\$3 with wavelet \$1) same (source\$1 and receiv\$3) and (filter\$3) and (signature threshold \$1)and (phase angle\$1)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/03/16<br>14:13 |
| S15 | 14  | ("4750157"   "4780859"   "4964086"   "5136551"   "5253217"   "5886255"   "6108606"   "6556922"   "6751558"   "6757343"   "6791899").PN. OR ("6985815").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON | 2009/03/16<br>14:15 |
| S16 | 208 | (seismic with phase\$1 with control\$3)                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/03/16<br>14:16 |
| S17 | 18  | (seismic with phase\$1 with control\$3) and (seismic with wavelet\$1)                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON | 2009/03/16<br>14:16 |

|     |      |                                                                                                                                                                                                                          |                                                    |    |     |                     |
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| S18 | 17   | ("20020170419"   "4009523"   "4110730"   "4189999"   "4398466"   "4402271"   "4712479"   "5125317"   "5416906"   "5497705"   "6253679"   "6363854"   "6484617"   "6487952"   "H001123").<br>PN. OR ("6928030").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON  | 2009/03/16<br>14:58 |
| S19 | 11   | ("3598982"   "3599175"   "3622966").PN. OR ("4608673").URPN.                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON  | 2009/03/16<br>14:58 |
| S20 | 8179 | (702/181-189).CCLS.                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR | OFF | 2009/03/16<br>15:21 |
| S21 | 1344 | (702/14-16,18).CCLS.                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR | OFF | 2009/03/16<br>15:22 |
| S22 | 126  | S21 and S10                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2009/03/16<br>15:22 |
| S23 | 5    | S21 and S14                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2009/03/16<br>15:22 |
| S24 | 8    | ((("4348749") or ("4646274") or ("4893694") or ("5173879") or ("5173880") or ("5247486") or ("5384752") or ("6678207")).PN.                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR | OFF | 2009/03/16<br>15:29 |
| S25 | 295  | (367/73).CCLS.                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR | OFF | 2009/03/17<br>15:22 |

|     |     |                                                                   |                                                    |    |     |                     |
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| S26 | 49  | (seismic\$3 with wavelet \$1) and ((phase angle) with controL\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2009/03/17<br>15:23 |
| S27 | 295 | (367/73).CCLS.                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO         | OR | OFF | 2009/03/17<br>16:26 |
| S28 | 49  | (seismic\$3 with wavelet \$1) and ((phase angle) with controL\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2009/03/17<br>16:26 |
| S29 | 3   | S27 and S28                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON  | 2009/03/17<br>16:26 |

**3/17/2009 5:14:30 PM**

**C:\Documents and Settings\phuynh1\My Documents\EAST\Workspaces\10560975\_phase control of seismic data.wsp**